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HOUSE of PLANTS

26 HOTCHKISS STREET, SOUTH

BINGHAMTON, NEW YORK



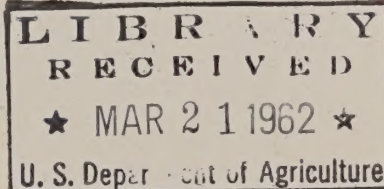
ACHIMENES

GESNERIACEAE SPECIALTIES



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1962 Achimenes List

ACHIMENES — The Magic Flower

Achimenes, native to tropical America, are an outstanding, free-blooming conservatory and greenhouse plant, scarcely known in the United States, except in the Gulf region, but prized in western Europe as a house plant since 1778. Many hybrids introduced more than a century ago are still in cultivation.

New species recently discovered in Mexico, and the introduction to cultivation of natural species heretofore known only by dried herbarium specimens, have encouraged the development of new hybrid Achimenes. The many forms and colors of Achimenes offer almost endless possibilities to the hybridizer.

Achimenes flower abundantly through the summer and some types may be kept in bloom until Christmas or the New Year. They are at home in the greenhouse, conservatory, window sill, or in porch boxes on the shady terrace. They will flower in ground beds under conditions which suit tuberous begonias, asking only that the soil be kept constantly moist. Severe drying out of the growing medium will send them into dormancy.

Dormant rhizomes are shipped in Spring, February through May, weather permitting. Except for bargain offerings, six or three will be supplied at the dozen rate on orders totalling \$3.00 or more. No single rhizome orders, please, except for the rarest and most expensive sorts. All orders are sent postpaid, with growing instructions.

ORCHID, LAVENDER AND LILAC FLOWERS

'CAMILLE BROZZONI.' Myriads of light purple, small size flowers, pure white throats. \$3.00

A. Ehrenbergii. Large, Gloxinia-like blooms; leaves densely woolly underneath; compact plant. \$6.00

A. grandiflora. (Collected material.) This attractive and easily grown species has been available during recent years only in the form called **'ROBUSTA'** with deeply notched corolla lobes. The latter, collected in Tamaulipas, Mexico, and distributed about 1948 by the American Begonia Society, has recently been collected in other Mexican States. Forms with a more regular corolla, collected in 1959 in Colima, Guerrero, and Veracruz, are so superior to the old **A. grandiflora** **'MADUNA'** clone (of undetermined origin) we are dropping the latter from our cultures in favor of this new and better material, first offered in 1962. \$6.00

A. grandiflora **'ROBUSTA.'** Large flowers with a blunt "spur" and contrasting white throat. \$3.00

'HAZEL.' New 1962. This robust plant was bred in Florida by Carl Borges in 1957. It has good pastel purple flowers of large size and typical **A. longiflora** form with a conspicuous white eye at the lower lobes. Stems are foot-long and trailing. \$4.00

'LAKE CITY.' Large flowers of violet color on robust plant. Introduced 1958. \$2.00

'MME. GEHEUNE.' Large, reddish-violet flowers, erect stems, dark leaves. From India. \$3.00

A. mexicana. The true species, formerly called **Scheeria mexicana** and various common names. Large, Gloxinia-like violet flowers and velvety green leaves. \$4.00

'NISIDA.' Large blue flowers with bright yellow center. \$5.00

'VIVID.' Magenta flowers with orange tubes. \$3.00

WHITE FLOWERING**ACHIMENES**

'AMBROISE VERSCHAFFELT.' Lace-work of purple lines veining the yellow marked throat. Very popular. \$3.00

A. candida. A multitude of small flowers with a yellow tube; native Guatemala species. \$6.00

A. glabrata. (Collected material from Guerrero, Mexico.) Introduced 1962, this is so superior to the plant we have been offering as **A. glabrata** we now classify the latter (origin unknown) as hybrid material, although it fully answers the species description. The much larger flowers and remarkable substance of the new material ought to produce extraordinary hybrids when crossed with other species or with other genera. \$12.00

A. 'GLABRATA HYBRIDS.' Large, funnel-shaped, fringed flowers on thin wiry stems. \$6.00

A. longiflora var. **alba.** Largest white flowers; Mexican species often called **'JAUREGUIA MAXIMA.'** \$2.00

'MARGARITA.' Pure white flowers without color or marking. \$3.00

A. misera. Dwarf species with many tiny white flowers, maroon spots on a gold throat. \$6.00

A. Warscewicziana. New 1962. Considered by Hanstein in 1851 to be a synonym for **A. misera**, this is probably a distinct species. Larger and more colorful flowers. Collected in Chiapas, Mexico. \$6.00



Purple tracery on white ground made free-flowering **'AMBROISE VERSCHAFFELT,'** from Switzerland, popular since 1854.

ACHIMENES CLOSE OUT BARGAINS

For several years we have maintained the largest collection of properly identified and named Achimenes in the world; more than 100 separate items. So many newer and better forms are now becoming available that we are discontinuing several of the older kinds which lack distinction. Some of these have been popular in their day. To clear them, we are offering 25 varieties, properly identified and separately labeled, at the price of mixed Achimenes: 6 rhizomes for 75c or one dozen for \$1.00 while the supply lasts. See the bargain list on page three.



The Achimenes scaly rhizomes grow among the hair-like feeding roots. They resemble birch catkins or tiny pine cones and are used to start new plants each year.

RED AND ORANGE FLOWERS

A. antirrhina. Introduced 1845 into Belgium from Mexico, lost to cultivation and offered here for the first time in the U.S.A. \$12.00

'BRILLIANT.' Scarlet flowers, much larger than those of **'PULCHELLA,'** but otherwise similar. \$5.00

'BURNT ORANGE.' Leaf and habit like **A. coccinea** but larger flowers of unusual color. From Maurice Mason. New in the U.S.A. \$5.00

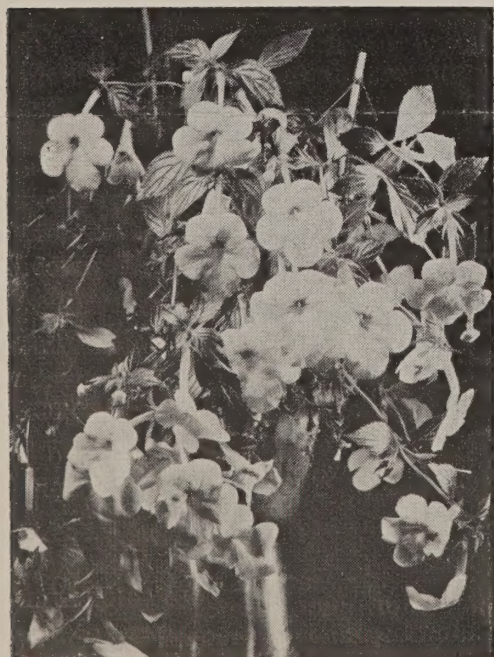
A. coccinea var. **coccinea.** Jamaican import. Deep scarlet, late blooming, many flowered plant. \$4.00

A. coccinea **'PULCHELLA.'** Most popular form of the scarlet flowered Achimenes. Easy grower. \$3.00

A. heterophylla. Attractive scarlet flowers with a long spur, sometimes called **'GHIESBREGHTII.'** \$4.00

'LADY LYTTTELTON.' Fairly tall, upright plant with magnificent multi-colored flowers. \$2.00

'MASTER INGRAM.' Velvet textured, deep glowing red flowers with straight orange tube. \$4.00



Our 1956 introduction **'ADELAIDE'** gives cascades of blue flowers with white centers flushed with gold and showing a purple accent spot.

A. pedunculata. Tall, late-blooming, spectacular orange blossoms with bright red spots. \$4.00

A. Skinneri. Medium height, scarlet flowers with golden throat, mid-season blooming. \$4.00

PURPLE & VIOLET FLOWERS

'ANCILLA.' Cascades of violet-colored blooms on tall, erect stems; glossy green leaves. \$4.00

A. Andrieuxii. New 1962. Collected in Chiapas, Mexico, in 1959 and tentatively identified as the **Achimenes Andrieuxii** which de Candolle described in 1839 from dried material collected in Oaxaca, Mexico. We depart from our usual conservatism to predict that this species will become within the next 10 years the Achimenes most widely grown in homes alongside African Violets. It has a dwarf habit and compact stature suitable for flowering in 3-inch pots. The leaves lie close to the soil surface and the numerous violet colored flowers, streaked with darker color, are raised on two-inch peduncles, their open, pure white throats giving a two-color effect like miniature Gloxinias. \$12.00.

'ATROPURPUREA.' Deep reddish purple flowers with lilac throats. \$2.00

'ESCHERIANA.' Favorite since 1847. Multitude of reddish purple flowers, gold spotted. \$3.00

'GILDA.' Deep purple flowers from Holland, 1953. Longiflora type, with red dots in throat. \$3.00

'MME. GEORGES.' Bluish violet flowers with white reverse; orange-speckled tube. Outstanding. \$2.00

'MAUVE QUEEN.' Tall prize winner since 1862. Bright red dots at throat. Enormous violet flowers. \$3.00

'MINIATA.' Early blooming flower of many changing colors, ruffled form, compact stems. \$3.00

A. patens. (Collected material.) Back in commerce in 1962 for the first time in over half a century, this is the true Mexican species, characterized by a long "spur" on the flower opposite the face, somewhat like a columbine. \$6.00

'PATENS MAJOR.' Vivid color, reddish purple flower with short spur; dwarf plant. \$3.00

'PAUL ARNOLD.' Longiflora-type, named by Van Tubergen in 1957. Popular in Scandinavia today. \$2.00

'PURPLE KING.' Easiest to grow and most popular hybrid. \$2.00

'VIOLOCEA SEMI-PLENA.' The oldest semi-double Achimenes. Velvety deep purple flowers on dwarf, upright plants. \$4.00



Achimenes coccinea **'PULCHELLA'** will brighten the Christmas season with its many flaming scarlet flowers.

BRIGHT YELLOW FLOWERS

A. flava. Never before offered commercially, though diagnosed in 1936 at Kew Gardens from dried material collected in Mexico in 1933. A rangy plant, but the buttercup yellow flowers offer interesting hybridizing possibilities. \$6.00

BLUE FLOWERED ACHIMENES

'ADELAIDE.' Very floriferous, pale blue with gold and lavender in the white throat. \$3.00

'CATTLEYA.' Pale orchid blue longiflora-type flowers, trailing habit. \$2.00

A. Cettoana. New 1962. This new species was discovered by Dr. H. E. Moore at Chiapas, Mexico, in October 1959, and published as a new species in the December 1960 issue of Bailey. Commercial releases were made that year in England, Holland, and the U.S.A. **Achimenes Cettoana** has the most unusual leaves of any Achimenes, resembling willow leaves somewhat. The plant is compact and blooms for many weeks with flowers of the most intense blue imaginable. Apparently flowers at low light levels. \$12.00

'FRANCOIS CARDINAUX.' Dwarf, upright plants with myriads of two-toned flowers. Unusual. \$3.00

'GALATEA.' Deep blue longiflora-type flowers, deeply notched lobes, not overlapping. \$2.00

A. longiflora. New 1962, material collected in Mexico and Guatemala is being offered in the place of several clones of doubtful antecedents which we are discontinuing. These have large flowers of blue and lavender blue color. \$6.00

PINK FLOWERED ACHIMENES

'ADELE DELAHAUTE.' Pale rose, large flowers; dependable. \$3.00

'CHARM.' Dwarf plant with many warm pink flowers with golden yellow centers; appealing. \$3.00

'LITTLE BEAUTY.' Compact plant with flowers much like 'CHARM,' leaves red beneath. \$3.00

'PEACH BLOSSOM.' Delicate rose flowers on compact plant. Introduced 1957. \$6.00

'WETTERLOW'S TRIUMPH.' Deep pink flowers with embossed face. \$6.00

BOTANICAL SPECIES**ACHIMENES**

The botanical species of Achimenes as they occur in nature are preferred over hybrids of unknown parentage by the plant breeders who aspire to cross Achimenes with some other member of the Gesneriad family or to create new forms and colors.



The long spur distinguishes true Achimenes patens from 'PATENS MAJOR' and other hybrids now being cultivated.

We offer twenty clones; most of them collected in Mexico and Central America and identified by well-known botanists.

Andrieuxii (de Candolle) (?)	\$12.00
antirrhina (D.C.) Morton	12.00
candida Lindley, white	6.00
Cettoana Moore, newest sp.	12.00
coccinea (Scopoli) Persoon	4.00
Ehrenbergii (Hanstein) Moore	6.00
fimbriata (Rose) Morton	12.00
flava (Morton), vivid yellow	6.00
glabrata (Zuccarini) Hanstein	12.00
grandiflora (Schiede) deCandolle	6.00
grandiflora (Robusta type)	3.00
heterophylla (Martius) deCandolle	4.00
longiflora de Candolle	6.00
longiflora var. alba Haage	2.00
mexicana (Seemann) Bentham & Hooker	4.00
misera Lindley, dwarf plant	6.00
patens Bentham, long spur	6.00
pedunculata Bentham, orange	4.00
Skinneri Lindley, scarlet	4.00
Warszewicziana , Regel, white	4.00

Achimenes Are Easy to Grow

Achimenes rhizomes vary in size, shape and color, depending on the variety. Some are very small, but produce just as fine plants as the larger sorts. They will sprout when pressed into the surface of moist peat, sphagnum moss, or vermiculite and stored at 70 to 80 F. for several days.

Potting five or six sprouted rhizomes in a five-inch pot is common practice, covering with one inch or less of soil. Achimenes may be grown singly in bands or small pots to be set in beds or window boxes after warm weather arrives. One or several



Deep velvety purple flowers in profusion make 'VIOLACEA SEMI-PLENA' the most popular double Achimenes.

dozen may be planted in a hanging basket, where they grow to perfection.

Soil has to be coarse and porous to provide perfect drainage but also retain moisture. A good mixture is $\frac{1}{3}$ fibrous loam, leaf mold, or garden compost; $\frac{1}{3}$ coarse sand, charcoal, pea gravel, or other drainage material; and $\frac{1}{3}$ moisture retainers, such as peat, shredded moss, vermiculite, etc. Liquid fertilizer should be freely given, according to the manufacturer's dilution, when plants are in bloom.

Achimenes can stand full sunlight if kept well watered. The soil should never dry out during the flowering period or the plants will go dormant prematurely. Dormancy is signaled by the end of flowering and by drying of the leaves. Water is then withheld and the pots stored in a warm, dry place. The rhizomes multiply normally about 5:1, so they are usually screened out and repotted the following Spring to prevent overcrowding.

BARGAIN PRICED ACHIMENES FOR CLEARANCE

The following Achimenes clones are being discontinued from our cultures and closed out at bargain rates of 6 rhizomes for 75 cents or one dozen

for a dollar, separately bagged and labeled, so long as they last. Minimum orders of \$3.00 will be appreciated and we suggest that you give

permission to substitute similar varieties if necessary. Last year's prices are noted for information.

'ANDERSONI.' \$2.00. Pale blue, gold in white throat.
 'BIG BOY BLUE.' Longiflora-type flowers, large size.
 'BLUE STAR.' \$3.00. Lavender-blue, deep cut lobes.
 'BOB CAMPBELL.' \$6.00. Vivid purple flowers.
 'CARMINITA.' Resembles 'MINIATA.'
 'DAINTY QUEEN.' \$2.40. White flowers, dotted throat.
 'DENTONIANA.' \$3.00. Large blue with color splotch.
 'DOCTOR BUENZOD.' (?) Longiflora-type, not true.
 'FLORE.' Grew it 8 years without flowering it.
 'FRASER'S HILL.' Resembles 'PURPLE KING,' but larger.
A. grandiflora 'MADUNA.' \$2.00. Large purple flowers.
 'HAAGEANA.' (?) Not true longiflora-type flowers.
 'LEONORA.' \$2.00. Purple flowers, gold throat.

'LILAC.' \$3.00. Medium size purple flowers.
 'LONGIFLORA MAJOR.' \$2.00. Deep blue, white throat.
 'LOVELY SCHERIANA.' \$2.00. Resembles 'SCHERIANA.'
 'LUCILLE BORGES.' \$6.00. Violet flowers, sturdy.
 'MAGNIFICA.' Longiflora-type violet-blue flowers.
 'MASTERPIECE.' \$3.00. Reddish purple flowers, dwarf.
 'MONTEZUMA.' \$2.00. Pure blue with overlapping lobes.
 'NANCY.' \$4.00. Deep violet flowers.
 'PERIWINKLE BLUE.' Another **A. longiflora** clone.
 'PULCHERRIMA.' \$2.00. Purple flowers, red dots.
 'PURITY.' \$3.00. Pure white, lavender in throat.
 'ROYAL PURPLE.' \$2.00. Dark purple flowers.
 'TOPSY.' \$4.00. Pale blue, dark leaves red beneath.

BOTANICAL SPECIES ACHIMENES

Plant breeders who are interested in the creation of new forms and colors of Achimenes or the fascinating possibilities of intergeneric hybrids between Achimenes and other Gesneriads, generally prefer the botanical species which occur in nature rather than hybrid plants of unknown lineage. The hybrids are often sterile. When they do cross, they sometimes contribute undesirable recessive traits to the resulting hybrids while crosses made with natural species are more predictable. We offer twenty clones, most of them collected in Mexico and Central America and identified by competent botanists.

A special ACHIMENES SPECIES COLLECTION is offered at ten dollars for 36 rhizomes, consisting of three each of twelve different species of our selection, separately packed and labeled.

Please Read Before Ordering

ORDERS should be accompanied by check or M.O. payment in full. Cash can be sent at your own risk. No charge accounts or c.o.d. shipments, please. If you want First Class mail, Special Handling, or Special Delivery, please include prepayment. Any excess will be promptly returned to you. We do not substitute unless request-

ed but will backorder or refund on unfilled orders.

WE GUARANTEE all rhizomes to be correctly labeled and in healthy condition when shipped. Should mistakes occur, we will cheerfully replace any plant materials which are not as represented. Orders are accepted subject to prior sale and we are responsible only for the value of the plant materials.

FREE 1962 GESNERIAD HOUSE PLANT LIST

A post card bearing your name and address, plainly written, will bring a copy as soon as they come from the printer. We list many **Kissing Cousins of the African Violet** suitable for growing in the home on a window sill or under lights and in a greenhouse, including exclusive introductions.

- 8 **Aeschynanthus** species (Lipstick Plant)
- 32 **Columnnea** species and hybrids (Goldfish Plant) including 7 newly introduced.
- 33 **Episcias**, including 4 new ones.
- 5 × **Gloxineras** (two new offerings)
- 11 **Kohlerias** (one species and two cultivars are new introductions)
- 19 **Smithianthas** (Temple Bells) including exclusive introductions.

Also **Alloplectus**, **Boea**, **Chirita**, **Chrysothemis**, **Codonanthe**, **Diastema**, **Drymonia**, **Gloxinia**, **Koellikeria**, **Lysionotus**, **Nautilocalyx**, **Nematanthus**, **Petrocosmea**, **Reichsteineria**, **Sinningia** (species only), and **Streptocarpus**. No **Saintpaulias**.

SPECIAL OFFERS – ACHIMENES COLLECTIONS – All clones separately labeled

BEGINNERS' COLLECTION—three each of 5 different kinds, easy to grow, 15 rhizomes for only \$ 2.00	
ADVANCED GROWERS' COLLECTION—three each of 12 different kinds, all colors, 36 rhizomes	5.00
NATURAL SPECIES COLLECTION—three each of 12 different natural species, 36 rhizomes for	10.00
MASTER COLLECTION—three each of thirty different colors, types, blooming times; ninety for	15.00
COMPREHENSIVE COLLECTION—three each, all different, fifty species and cultivars, 150 for	25.00